



NABHA POWER LIMITED

NPL
Nabha Power Limited

P.O. Box No -28, Near Nalash, Rajpura-140401, Punjab

Phone: 01762-277252 • Fax: 01762-277251

Email ID: rajiv.bhandari@larsentoubro.com

Letter.No.: NPL/HSE/RB/MoEFCC/DR/211130/1

Date 30.11.2021

To,

The Director

**Ministry of Environment, Forest and Climate Change
(Northern Region)**

**Bays Nos. 24-25, Sector 31-A,
Chandigarh-160030**

**Ref: Environmental Clearance No J-13011/44/2008- IA-II (T) dated 3rd October 2008
and as Amended on dated 15th November 2010 and Extension dated 5th February 2014.**

**Sub: Six Monthly Environment Clearance Compliance Report for the Period of 1st April
2021 to 30th September 2021.**

Dear Sir,

Please find enclosed Six-Monthly Environment Clearance Compliance Report of M/s Nabha Power Ltd., Vill. Nalash, Distt- Patiala (Punjab) for the period from 1st April 2021 to 30th September 2021.

Thanking you,

Yours Sincerely,

(Rajiv Bhandari)

Authorised Signatory

Nabha Power Limited

Encl: As above.

- CC: 1) The Executive Environment Engineer, Regional Office, Patiala, Ground Floor, Vatavaran Bhawan, Nabha Road, Patiala.
2) Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi.
3) Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi.

Wholly Owned by L&T

Corporate Office: L&T House, N M Marg, Ballard Estate, Mumbai 400 001

CIN No: U40102PB2007PLC031039

SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

**NABHA POWER LIMITED
2x700 MW THERMAL POWER PLANT**



**VILL. NALASH
DISTT. PATIALA
(PUNJAB)**

Submitted to:

- Regional Office (Northern Region), Ministry of Environment, Forests and Climate Change, Chandigarh-160030.
- Ministry of Environment, Forests and Climate Change, New Delhi-110003.
- Central Pollution Control Board, Delhi
- Punjab State Pollution Control Board, Patiala.

***Submitted By:*
NABHA POWER LIMITED
VILL. NALASH
PATIALA (PUNJAB)**

Period: 1st April-2021 to 30th September-2021

CONTENTS

Sl. No.	Title	Annexure
1.	Introduction	
2.	Compliance status of Environment Clearance (EC)	
List of Annexure		
3.	Environmental Monitoring Reports from April-2021 to September-2021	
4.	Test Report of Sulphur % in Coal	Annexure -1
6.	Stack Emission Monitoring Results and Photograph of Continuous Emission Monitoring System (CEMS).	Annexure-2
7.	Measures Taken to Control Fugitive Emissions	Annexure-3
8.	Fly Ash Utilization Report	Annexure-4
9.	Heavy Metal Analysis in Fly Ash and Bottom Ash Report	Annexure-5
10.	Treated Sewage Monitoring Results	Annexure-6
11.	Ground Water Quality Monitoring Results	Annexure-7
12.	Green Belt Photographs	Annexure-8
13.	CSR Photograph.	Annexure-9
14.	Ambient Air Quality Monitoring Results	Annexure-10
15.	Expenses Incurred for Environment Protection Measures in FY 2020-2021	Annexure-11
16.	The Photograph of Main Gate Display.	Annexure-12
17.	Solar Harness Report.	Annexure-13
18.	Test Report of Heavy Metal Analysis in Coal.	Annexure-14
19.	Test Report of Radioactive Analysis in Coal, Fly Ash and Bottom Ash.	Annexure-15
20.	Test Report of Surface Water Quality.	Annexure-16

Introduction

Nabha Power Limited (NPL), was established as Special Purpose Vehicle (SPV) by the erstwhile Punjab State Electricity Board (PSEB) to develop the Rajpura Thermal Power Project at a site near village Nalash, Distt Patiala, Punjab. An RfQ/RfP was floated by PSEB in line with the Case 2 competitive bidding guidelines, Govt of India (GoI) and L&T Power Development Limited (a wholly owned subsidiary of L&T) was identified as the lowest bidder. NPL has signed Power Purchase Agreement on 18th January 2010 with PSEB and the NPL was also transferred to L&T Power Development Limited as its wholly owned subsidiary on 18th January 2010.

The 1400 MW power plant is constructed as a unit configuration of 2 x 700 MW units, with one steam turbine and one boiler for each unit.

NPL is having two Pulverized Fuel Boilers, generating steam at 25.71MPa at 568 °C with two Condensing Turbo Generator Sets each having generating capacity of 700 MW of power. Installation of associated mechanical and electrical equipment, auxiliary units like coal, ash handling plant, water treatment plant, cooling water system, electrostatic precipitators (ESPs), NOx control equipment etc. are part of the total installation.

SALIENT FEATURES OF NABHA POWER LTD.

Total Capacity	2x700 MW (1400 MW)
Fuel Requirement and Source	5.8 MT/Year, SECL Mines
Water requirement and source	50 Cusec from Bhakra main canal
Status	Unit # 1 Operational since 1 st Feb 2014.
	Unit # 2 Operational since 10 th July 2014.

Project Proponent : Nabha Power Ltd.
Project Status : U # 1 & U# 2 Synchronised on Feb-2014 and July-2014 respectively
Reference : Ministry of Environment & Forest- Environmental Clearance No.-J-13011/44/2008-IA-II (T) dated 3rd October 2008 and Amendment dated 15th November 2010 and Extension dated 5th February 2014.

Compliance Report for the period of April-2021 to September-2021

S. No.	MOEF Conditions	Compliance Status
1.	The total land requirement for the project shall be restricted to 1278 acres.	The land requirement for 1400 MW has been restricted within 1278 acres only.
2.	Prior clearance from the competent authority shall be obtained for locating the proposed power plant in proximity (about 3 kms) of the defence installation. A copy of the same shall be furnished to the ministry and the regional office of this ministry within one month from the date of issue of this clearance letter.	NOC from Ministry of defence & AAI obtained on 25 th May, 2009, Ref No.:No. 21(7)/2008/D(Coord) & 22 nd July, 2008, Ref No.: No. AAI/20012/664/ 2008-ARI (NOC) respectively.
3.	Sulphur & ash contents in the coal to be used in the project shall not exceed 0.5% & 34%.	Sulphur in the coal being used are below 0.5% The Testing Reports are attached here as Annexure 1 . According to MoEF & CC S.o.No.1561 Dtd.21.05.2020 "Use of coal by Thermal Power Plants, without stipulations as regards ash content or distance, shall be permitted subject to compliance with specified emission norms for particulate matter"(PM < 50 mg/nm ³).The stack emission monitoring report from PPCB as well as from MoEF&CC and NABL approved laboratory for particulate matter is attached as Annexure-2 . Report -1 Punjab Pollution Control Report Dtd:- 24.08.2021. Report - 2 Dated 30.06.2021& 28.09.2021.
4.	A bi-flue stack of height 275 m shall be provided with continuous online monitoring equipment for SOx, NOx & particulate matter. Exit velocity of flue gas should not be less than 25 m/sec.	Continuous online monitoring equipment are functional at 275 Mtr. stack on both the flues attached to Boiler 1 & Boiler 2 and monitoring of PM, Sox & Nox. is being done. As per EC validity extension dated 5.02.2014, exit velocity of flue gases shall not be less than 22 m/s therefore the exit velocity of flue gas is being always maintained more than 22 m/sec in both the units. The Stack Emission Monitoring Reports from MoEF & CC and NABL approved laboratory of Dated 30.06.2021& 28.09.2021.is attached here as Annexure-2 .
5.	High efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure particulate emission doesn't exceed 50 mg/m ³ .	The ESP's attached to Boiler 1 & 2 are functional and have efficiencies more than 99.99%. The SPM emissions are < 50 mg/Nm ³ . The stack emission monitoring report from PPCB as well as from MoEF&CC and NABL approved laboratory for particulate matter is attached as Annexure-2 . Report -1 Punjab Pollution Control Report Dtd:- 24.08.2021. Report - 2 Dated 30.06.2021& 28.09.2021..
6.	Space provision shall be kept for retrofitting for FGD, if required at later date.	Space provision of installation of FGD has been kept and Installation of FGD is under progress.
7.	Adequate dust extraction system such as cyclones/bag filters and water spray system in dusty areas such as coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall	The Dust extraction system & Dust suppression system (water sprinklers) is operational in the coal handling area, ash handling and at all transfer points. The photographs of the same is attached here as Annexure-3 .

	be provided.	
8.	Fly ash to be collected in dry form in storage facility (silos) shall be provided. 100% utilization of fly ash shall be achieved from day one. Unutilized fly ash in emergency and bottom ash shall be disposed in ash pond and bottom ash in conventional slurry mode. Mercury and other heavy metals (Hg, Cr, Pb etc.) will be monitored in bottom ash and fly ash as also in the effluent emanating from ash pond.	Fly Ash Silos (3 Nos.) are fully operational. The utilization report of Fly ash is being submitted with the Regional Office PPCB, MoEF&CC and CPCB on yearly basis. Ash utilization report for the period from 1st April '21 to 30 th Sept' 21 is attached here as Annexure-4 Analysis of heavy metals is being done for both bottom & fly ash on six monthly basis. Latest report dated 16.09.2021 are attached as Annexure-5
9.	Ash pond shall be lined with HDPE lining. Adequate safety measures shall also be implemented to protect ash dyke from getting breached.	Ash Pond bed is provided with HDPE lining (500 microns thick) over 50 mm thick sand cushion and top of HDPE liner is protected with 300 mm earth cover.
10.	Closed cycle cooling system with cooling towers shall be provided. Effluents shall be treated as per the prescribed norms.	Closed cycle cooling system with cooling towers is provided. No effluent is generated as the plant is designed for ZLD (Zero Liquid Discharge).
11.	The treated effluents conforming to the prescribed standard shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during Monsoon. Arrangement shall be made that effluent & storm water do not get mix.	The Power plant is based on Zero Discharge (ZLD) concept and the treated effluents conforming to prescribed standards are being re- circulated and reused within the Plant. There is no discharge outside the plant boundary.
12.	A Sewage Treatment Plant shall be provided, and treated sewage shall be used for raising green belt/plantation.	The Sewage treatment plant of 50 KLD capacities is in operation. The treated water is being used for Green belt development/Plantation. The treated effluent report dated 25.06.2021 & 22.09.2021 is attached as Annexure-6
13.	Rainwater harvesting should be adopted. Central Ground Water Authority/board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.	Rainwater harvesting pits have been made as per the Rainwater harvesting scheme approved by CGWA.
14.	Adequate safety measures shall be provided in plant area to check/minimize spontaneous fire in coal yard, especially during summer season. Copy of these measures with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry at Chandigarh.	The safety measures submitted to MOEF vide letter ref: NPL/SKN/MOEF/1423 dated: 28th June 2012 have been implemented to check/minimize spontaneous fire in coal yard.
15.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of project.	Adequate arrangements were made for construction labour such as toilets, STP, safe drinking water, medical health care etc. during project stage.
16.	Storage facilities for liquid fuel such as LDO and HFO/LSHS shall be made in the plant area where risk is minimum to the storage facilities. Onsite and off-site disaster management plan shall be prepared to meet any eventuality in case of an accident taking place. Mock drills shall be conducted regularly and based on the same, modification required, if any shall be incorporated in the DMP.	The Storage tanks for LDO & HFO storage have been made after necessary risk assessment. On-site disaster management plan is prepared, and the adequacy of the plan is being tested on regular basis through conducting mock drills.
17.	Regular monitoring of ground water in and around ash pond area shall be carried out, records maintained, and six-monthly reports shall be furnished to Regional Office, Chandigarh.	Regular monitoring of ground water in and around ash pond is being done and reports are being submitted to the PPCB on a monthly basis. The reports dated 21.06.2021 & 18.09.2021 is attached as Annexure-7 .
18.	A green belt of adequate width and density shall be developed around plant periphery covering about 1/3 rd of project area preferably with local species.	2.5 Lakh trees already planted @2500/ha with local species. The Green Belt Development photographs are attached as Annexure-8

19.	Activities under CSR shall be enhanced with proper financial allocation. Details of these activities shall be submitted to the Regional Office of the Ministry, SPCB and the Ministry.	Annual activities continue the whole year as per allocated financial budget to improve the socio-economic status of surrounding areas. Photographs are attached herewith as a Annexure No-9
20.	First aid & sanitation arrangement shall be made for the drivers and other contract workers during construction phase.	First aid centre (OHC) & adequate sanitation arrangement are available for employees as well as contractual employees.
21.	Noise level emanating from turbines shall be limited to 75 dB (A). For people working in the high noise area, requisite personal protective equipment like Earplug/earmuffs etc. shall be provided. Workers engaged in noisy area such as turbine area, air compressors etc. shall be periodically examined to maintain audiometry record and for any hearing loss including shifting to non-noisy/less noisy areas.	The Noise levels are maintained well below the prescribed standards. PPE's are being provided to all the workers depending upon the task being performed. Medical examination of the workers engaged in high noise area is being done on six monthly basis and records being maintained as per statutory norms.
22.	Regular monitoring of ground level concentration of SO ₂ , NO _x , SPM, RSPM and Hg shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of the monitoring shall be decided in consultation with SPCB. Periodic report to be submitted to Regional office of this Ministry.	Monitoring reports are regularly being submitted to Regional office of Ministry and PPCB. Monitoring reports of dated 30.06.2021 & 22.09.2021 are attached as Annexure-10
23.	The project proponent shall advertise in two local newspaper widely circulated in the region around the project, one of which shall be in the vernacular language of the locality/Municipal area/Gram Panchayat concerned and on the company's website within seven days from the date of clearance letter, informing that the project has been accorded environment clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at website of the ministry of Environment and forests at http://envfor.nic.in .	Complied.
24.	A separate Environment Management Cell with qualified staff to be set up for implementation of the stipulated environmental safeguards.	EMC comprising of qualified staff with adequate experience and knowledge is in place to cater environmental responsibilities & needs.
25.	Half yearly report on status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry/Regional Office/CPCB/SPCB.	Half year reports are regularly being submitted to ❖ MoEF&CC New Delhi, ❖ MoEF&CC, RO (North Region), Chandigarh, ❖ CPCB, Delhi and ❖ PPCB Patiala. The half yearly reports for FY 2020-2021: • Report for the period from April 2020 to September 2020 was submitted on 28.11.2021. • Report for the period from October 2020 to March -2021 was submitted on 29.05.2021.
26.	Regional office of the Ministry of Environment & Forests located at Chandigarh will monitor implementation of stipulated conditions. A complete set of documents including EIA report & EMP report along with additional information submitted from time to time shall be forwarded to the regional office for their use during monitoring.	Complied.
27.	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These costs shall be included as part of project cost. The funds earmarked for the	Separate funds are allocated. Fund spent in the FY 2020-2021 are attached as Annexure No-11 .

	environment protection measures shall not be diverted for other purposes & year wise expenditure should be reported to Ministry.	
28.	The project authorities shall inform the regional office as well as the Ministry regarding the date of financial closure and final approval of project by concerned authorities and the dates of start of land development work and commissioning of plant.	Plant is in operation since 2014 after taken all necessary approval from state/central.
29.	Full co-operation should be extended to the scientists/officers from the Ministry/Regional office of the Ministry at Chandigarh/the CPCB/the SPCB who would be monitoring compliance of environmental status.	The NPL is providing full co-operation to the scientists/officers from the Ministry/Regional office of the Ministry at Chandigarh/the CPCB/the SPCB who are monitoring compliance of environmental status, time to time.
30.	No additional coal consumption beyond 5.8 MTPA (at 85 % PLF) earlier envisaged for 2 x 660 MW and no additional land for the enhanced capacity shall be permitted.	Being Complied.
31.	The project proponent shall upload the status of compliance of the conditions stipulated in the environmental clearance issued vide Ministry's letter of even no. dated 03.10.2008, in its website and update periodically and also simultaneously send the same by email to regional office of Ministry of Environment and Forests.	NPL website is live & the compliance reports are uploaded periodically on website. Website address: http://www.Intnabhapower.com
32.	Critical pollutants levels including NO _x , RPSM ₁₀ and 2.5, SO ₂ shall be regularly monitored and results displayed in your website and also at main gate of the power plant.	Monitoring reports are uploaded on NPL website as well as displayed at main gate The Photograph of main gate display is attached as Annexure-12 .

Reference: Ministry of Environment & Forest-Environmental Clearance No -J-13011/44/2008- IA-II (T) dated 3rd October 2008 and Amendment dated 15th November 2010.Validity Extension Dated 5.02.2014

S. No.	MOEF Conditions	Compliance Status
33	Harnessing solar power within the premises of the plant particularly at the available roof tops shall be undertaken and status of implementation shall be submitted periodically to regional office of ministry	Solar panels are provided on field hostel roof, Clarifier area, CHP and at DM plant area and are functional. The harness report is attached as Annexure No-13 .
34	A long-term study on radio activity and heavy metals contents on coal to be used shall be carried out through a reputed institute. Thereafter mechanism for an in-built continuous monitoring for radioactivity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Heavy metal & Radioactive contents in coal, fly ash and bottom ash are being analysis on six monthly basis. Latest reports dated 14.09.2021,16.09.2021 & 28.09.2021 are attached as Annexure-5,14 &15 respectively .
35	Exit velocity of flue gases shall not be less than 22 m/s. Mercury emissions from stack shall also be monitored on periodic basis.	The exit velocity of flue gases is more than 22 m/s. Mercury emissions from the stack is regularly monitored and the reports are being submitted to MOEF&CC on periodic basis. The reports dated 30.06.2021 & 28.09.2021are attached as Annexure-2
36	Fugitive emissions shall be controlled to prevent impact on agriculture or non-agriculture land.	Adequate measures to control fugitive emissions are already in place.
37	No ground water shall be extracted for use in operation of power plant even in lean season.	Complied.
38	Source sustainability of water requirement shall be carried out by an institute of repute. The study shall also specify the source of water for meeting the requirement during lean season. The report shall be submitted to the Regional Office of ministry within six months.	For Nabha Power Limited the source of water is Bhakhra Canal and necessary permission in this regard was taken from Irrigation Department, Punjab and was submitted with your kind office before grant of Environmental Clearance. When we had applied for Extn. of EC, our plant was already Commissioned, and we were having valid Consent to Operate from State Pollution Control Board. Therefore, the said condition is not applicable on us.

39	Hydro geological study of the area shall be reviewed annually, and report submitted to the ministry. No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up/ operation of the power plant.	The Hydrology study of the area was conducted before the grant of EC by MOEF&CC. No groundwater abstraction is being done. We are only using Canal water for the generation of Power. Therefore, the said condition is not applicable on us.
40	Minimum required environment flow suggested by the competent authority of the state government shall be maintained in the Channel / Rivers (as applicable) even in lean season.	Agreed
41	C.O.C of 5.0 shall be adopted	Adopted and being complied.
42	Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for fly ash utilization without adequate lining of mine with suitable media such that no leachate shall take place at any point of time. In case, the option for mine void filling is to be adopted, prior detailed study of soil characteristics of mine area shall be undertaken from an institute of repute and adequate clay lining shall be ascertained by the State Pollution Control Board and implementation done in close coordination with the State Pollution Control Board	Fly ash is being utilized as per the Notification from MoEF&CC.
43	Green belt consisting of 3 tiers of plantations of native species around the plant and at least 100m width shall be raised. Wherever 100m width is not feasible a 50 m width shall be raised, and adequate justification shall be submitted to Ministry. Tree density shall not be less than 2500 per ha with survival rate not less than 75 %.	Complied. The Green Belt Development photographs are attached as Annexure-8
44	Three tier green belt shall be developed all around ash pond over and above the green belt around the plant boundary.	Complied.
45	A common Green Endowment Fund shall be created, and the interest earned out of it shall be used for the development and management of Green cover of the area.	Being complied
46	The project proponent shall also adequately contribute in the development of the neighbouring villages. Special package with implementation schedule for free potable drinking water supply in the nearby villages and schools shall be undertaken in a time bound manner.	Being Complied
47	An amount of Rs 22 Crores shall be earmarked as one-time capital cost for CSR program. Subsequently a recurring expenditure of Rs 4.4 Crores per annum shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with the road map for implementation.	FY 2021-22: INR 4.40 Cr (INR 1.6 spent till Sept 21)
48	CSR scheme should address Public Hearing issues and shall be undertaken based on need based assessment in and around villages within 5.0 km of the site and in constant consultation with the village Panchayat and District administration. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall also be undertaken. Development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program. Company shall provide separate budget for community development activities and income generating programs. Vocational training program for possible self-employment and jobs shall be imparted to identify villagers free of cost.	Complied Presently working in 49 villages (5 Km) radius, the schemes are implemented in targeted villages in coordination with village panchayats The Panchayat is planned to be organised in Jan 2022. 1. Employability of the youth: Mobilised and Funded enrolment of 36 youth in Govt. ITI Rajpura (List attached). In addition to these 18 girls were provided GNM Scholarships this year 2. Income Generating Activities: 50 women and girls are engaged in 4 Stitching/Jute / Phulkaari Production centres in villages namely Nalash Khurd , Sindhra, Kotla and Sadhror. 3. Vocational Training: 4 Stitching and 2 Beautician Training centres are imparting training to 160 girls/women

49	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	Internal Planning and monitoring is done by 5 members CSR Committee chaired by Senior Plant Official, the committee's meeting are conducted on quarterly basis.
50	An Environmental cell shall be created at the project site itself and shall be headed by an officer of the company of appropriate seniority and qualification. It shall be ensured that the head of the cell shall directly report to the Head of the organization.	An Environmental Cell Headed by DGM-HSE is already in place, who directly reports to the Head of Organisation.
51	Regular monitoring of ground water level shall be carried out by establishing a network of existing wells and constructing new piezometers. Monitoring around the ash pond area shall be carried out particularly for heavy metals (Hg, Cr, As, Pb) and records maintained and submitted to the Regional Office of this ministry. The data so obtained should be compared with the baseline data so as to ensure that the ground water quality is not adversely affected due to the project.	Regular monitoring of ground water quality including heavy metals is being carried out regularly in and around the Ash Dyke. Piezometer wells are established around the ash pond area and being regularly monitored. The reports dated 21.06.2021 & 18.09.2021 is attached as Annexure-7
52	Monitoring of the surface quantity and quality shall also be regularly conducted, and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	No Ground Water is being abstracted as we are using Bhakra Canal water for generation of Power. The quality and quantity of the canal water is monitored, and records are being maintained. Latest reports dated 25.06.2021 are attached as Annexure-16 We are already monitoring heavy metals in the ground water by taking samples through a piezometer on a monthly basis and submitting the respective reports to the regional office of the PPCB at Patiala. The reports dated 21.06.2021 & 18.09.2021 is attached as Annexure-7 .
53	The environment statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of the Ministry by e-mail.	Complied. The last environmental statement report was submitted on 28.09.2021 to the Regional Office of the Ministry at Chandigarh and the PPCB, Patiala.
54	The project proponent shall formulate a well laid Corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.	HSE Policy has been framed and accordingly officers have been designated for achieving the objectives by adherence to the Policy. The organisation is certified for Integrated Management System requirements comprising of (ISO 9001, 14001 & 45001 & 50001)

Annexure – 1

Test Report of Sulphur % in Coal

Test Report


Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090267 Sample Reg. Date :09-09-2021 Report Date :27-09-2021 Report No. :ICE-2109270660 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

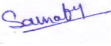
Test Report as per IS: Party Specification	With Amendment No.(s):
---------------------------------------------------	-------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Coal Sample
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	250gm
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in poly pack
l)	Date of Receipt	09-09-2021
m)	Date of Start	09-09-2021
n)	Date of Completion	27-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 08.09.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

a.	Reference to sampling procedure, whenever applicable	: N/A
----	------------------------------------------------------	-------


Saurabh Sharma
27-09-2021
Reviewer


27-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090267 Sample Reg. Date :09-09-2021 Report Date :27-09-2021 Report No. :ICE-2109270660 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

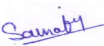
Description			
Description		Coal Sample	
S.No.	Parameters	Method	Result
	Discipline : Chemical		
	Group : Pollution & Environment		
1.	General Parameters		
a.	Sulphur, (% by mass)	IS: 1350 (P-3)	0.31

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Purpose - For Self monitoring

REMARKS : N/A

*****End Of Report*****


Saurabh Sharma
27-09-2021
Reviewer


27-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure- 2

Stack Emission Monitoring Results and Photograph of Continuous Emission Monitoring System (CEMS).



PUNJAB POLLUTION CONTROL BOARD

AIR LABORATORY, HEAD OFFICE, VATAVARAN BHAWAN, PATIALA

Telefax: 0175-2302392

Email : airlabppcb@gmail.com

1. Laboratory Sample No. 282-283/ H.O.Lab./Air/Monitoring/2021-22
2. Name of Industry M/s Nabha Power Ltd., Vill.- Nalash, Rajpura
3. Name of Sample collecting Officer Er. Navtresh Singla, EE, Er. Surinderjit Singh, AEE, and Dr. Shankarjit Singh, JSO
4. Designation of authorizing Test Environmental Engineer, Regional Office, Patiala.
5. Type of Sample Stack Emission
6. Date & Time of Sample collection 24-08-2021
7. Date & Time of Sample receipt in Lab. 25-08-2021
8. Point of Sample collection Details as Given Below

Results

Point of sample Collection	Parameter	Results	Prescribed Standards
Port hole on stack of Unit-I after APCD	Particulate Matter	41 mg/Nm ³	50 mg/Nm ³
Port hole on stack of Unit-II after APCD	Particulate Matter	39 mg/Nm ³	50 mg/Nm ³

Note: If any, stringent limits specific standards have been prescribed by MoEF&CC, CPCB and PPCB time to time, then stringent limits specific standards would prevail subject to clarification from the concerned Regional office.

Endst. No: 19681-83

DL 01/09/2021

Scientific Officer
(Air Lab)

A copy of the above is forwarded to the following for information and necessary action:-

1. The Chief Environmental Engineer (Air), Punjab Pollution Control Board, Jalandhar.
2. The Senior Environmental Engineer, Punjab Pollution Control Board, ZP-1, Patiala.
- ✓ 3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Patiala.

Scientific Officer
(Air Lab)

Test Report

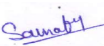
Document QF : 2501


Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106180630 Sample Reg. Date :18-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301035 NABL ULR No. :TC592621000006438F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: Stack Emission of Boiler : 2322 ton : -do- : Coal & 379.8 ton/hr : 24 Hrs : Stack attached to Boiler Unit-1 (2322 ton) : Metal : 275 : 750 : 31 : For Self Monitoring : ESPs : Working : - : Nil : 128 : 22.56 : 2517772.72 : 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	41.33


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106180630 Sample Reg. Date :18-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301035 NABL ULR No. :TC592621000006438F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

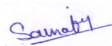
b.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
c.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
d.	Carbon Dioxide (CO ₂), %	IS:13270	Not Specified	10.4
e.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	1089.4
f.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	251.04

represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

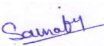
Test Report


Document QF : 2501
Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106180631 Sample Reg. Date :18-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301036 NABL ULR No. :TC592621000006444F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any	: Stack Emission of Boiler : 2322 ton : -do- : Coal & 352.5 ton/hr : 24 Hrs : Stack attached to Boiler Unit-2 (2322 ton) : Metal : 275 : 750 : 31 : For Self Monitoring : ESPs : Working : - : Nil
Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 130 : 22.92 : 2545255.40 : 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	44.21


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106180631 Sample Reg. Date :18-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301036 NABL ULR No. :TC592621000006444F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

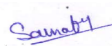
b.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
c.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
d.	Carbon Dioxide (CO ₂), %	IS:13270	Not Specified	10.8
e.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	1163
f.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	276.38


represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

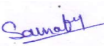
Test Report

Document QF : 2501
Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090269 Sample Reg. Date :09-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280763 NABL ULR No. :TC592621000010712F Customer Ref. No. :PO Letter Dated :01.12.2020
---------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 08-09-2021 : 13:00 hrs to 15:05 hrs : Stack Emission of Boiler : 2322 Ton : -do- : Coal & 453 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (2322 Ton) : Metal : 275 : 750 : 125 : For Self Monitoring : ESPs : Working : Fly Ash : Nil : 138 : 24.06 : 2627142.64 : 39

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090269 Sample Reg. Date :09-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280763 NABL ULR No. :TC592621000010712F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

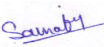
Group : Atmospheric Pollution				
1. General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	42.12
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	1069.48
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	254.09
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Carbon Dioxide (CO ₂), %	IS:13270	Not Specified	13.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 08.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

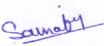
Test Report

Document QF : 2501
Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090270 Sample Reg. Date :09-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280764 NABL ULR No. :TC592621000010744F Customer Ref. No.: PO Letter Dated :01.12.2020
---------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 08-09-2021 : 16:00 hrs to 18:05 hrs : Stack Emission of Boiler : 2322 Ton : -do- : Coal & 420 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (2322 Ton) : Metal : 275 : 750 : 125 : For Self Monitoring : ESPs : Working : Fly Ash : Nil : 128 : 23.44 : 2623270.57 : 39

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090270 Sample Reg. Date :09-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280764 NABL ULR No. :TC592621000010744F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

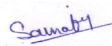
Group : Atmospheric Pollution				
1. General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	45.57
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	1037.59
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	266.78
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Carbon Dioxide (CO ₂), %	IS:13270	Not Specified	13.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 08.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-2



Continuous emission monitoring system installed at main stack for measurement of Particulate Matter & Gaseous Emissions.

Annexure- 3

Measures taken to control fugitive emissions

Annexure-3



Dust Extraction System at Crusher House



Dust Extraction System at Bunker

Annexure-3

1. Measures taken to control fugitive emissions during coal handling



Covered conveyors for transfer of coal from Wagon tippler to coal bunkers for abatement of fugitive emissions



Dust suppression (sprinkler system) provided at each coal stockpile to arrest Dust



Automated and Mechanized Coal handling System to minimize manual operations



Three side covered windscreen to control fugitive emissions due to wind flow

Annexure-3



Dust Suppression System installed at Wagon Tippler Area to control Fugitive Emission During Unloading of Coal.

Annexure-4

Fly Ash Utilization Report

Nabha Power Ltd.				
Fly Ash Utilization FY 2021-22				
Period	Fly Ash Generation Data (MT)	Fly Ash Utilisation Data (MT)	Total Fly Ash Utilised %	Remarks
1st April 2021 to 30th Sep 2021	1018240	1028310	100.98%	

Annexure-5

Heavy Metal Analysis in Fly Ash & Bottom Ash Report

Test Report


Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090265 Sample Reg. Date :09-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140235 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

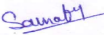
Test Report as per IS: Party Specification	With Amendment No.(s):
---------------------------------------------------	-------------------------------


PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Bottom Ash
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	500gm
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	09-09-2021
m)	Date of Start	09-09-2021
n)	Date of Completion	14-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 08.09.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

a.	Reference to sampling procedure, whenever applicable	: N/A
----	------------------------------------------------------	-------


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090265 Sample Reg. Date :09-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140235 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any : N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any : N/A

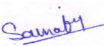
Description				
Description		Bottom Ash		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	Heavy Metals			
a.	Lead as Pb, (mg/kg)	In House		BLQ(LOQ:1.0)
b.	Mercury as Hg (mg/kg)	In House		BLQ(LOQ:1.0)
c.	Arsenic as As, (mg/kg)	In House		BLQ(LOQ:1.0)
d.	Chromium as Cr (mg/kg)	In House		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090266 Sample Reg. Date :09-09-2021 Report Date :16-09-2021 Report No. :ICE-2109160308 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

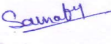
Test Report as per IS: Party Specification	With Amendment No.(s):
---------------------------------------------------	-------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Fly Ash
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	500gm
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in poly pack
l)	Date of Receipt	09-09-2021
m)	Date of Start	09-09-2021
n)	Date of Completion	16-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 08.09.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

a.	Reference to sampling procedure, whenever applicable	: N/A
----	------------------------------------------------------	-------


Saurabh Sharma
16-09-2021
Reviewer


16-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090266 Sample Reg. Date :09-09-2021 Report Date :16-09-2021 Report No. :ICE-2109160308 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any : N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any : N/A

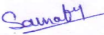
Description			
Description		Fly Ash	
S.No.	Parameters	Method	Result
	Discipline : Chemical		
	Group : Pollution & Environment		
1.	Heavy Metals		
a.	Lead as Pb, (mg/kg)	In House	BLQ(LOQ:1.0)
b.	Mercury as Hg (mg/kg)	In House	BLQ(LOQ:1.0)
c.	Arsenic as As, (mg/kg)	In House	6.01
d.	Chromium as Cr (mg/kg)	In House	1.94

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
16-09-2021
Reviewer


16-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-6

Treated Sewage Monitoring Results

Test Report


Document QF : 2501

Page 1 of 3

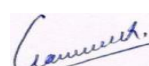
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170538 Sample Reg. Date :17-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250823 NABL ULR No. :TC592621000006202F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

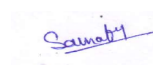
Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):
------------------------------------------------------	-------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	17-06-2021
m)	Date of Start	17-06-2021
n)	Date of Completion	25-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 16.06.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


25-06-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170538 Sample Reg. Date :17-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250823 NABL ULR No. :TC592621000006202F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

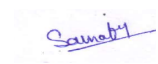
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description				
Description		STP Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.38
b.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	5
c.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	28
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	7
e.	Total Nitrogen(as N), mg/L	APHA-23rd Edition	Not Specified	8.2
f.	Total Phosphorous as P (mg/l)	IS 3025 (Part 31)	Not Specified	0.3
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17- 9221 F	Max. 1000	49

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA-1986, PCLS/02/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring


25-06-2021
Gaurav Khandelwal
[Authorized Signatory]


25-06-2021
Saurabh Sharma
Reviewer


25-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

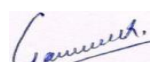
Document QF : 2501

Page 3 of 3

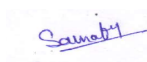
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170538 Sample Reg. Date :17-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250823 NABL ULR No. :TC592621000006202F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

REMARKS :N/A

*****End Of Report*****



25-06-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
25-06-2021
Reviewer



25-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

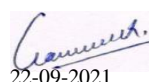
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090264 Sample Reg. Date :09-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220492 NABL ULR No. :TC592621000010384F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):
------------------------------------------------------	-------------------------------

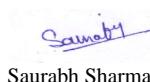
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	09-09-2021
m)	Date of Start	09-09-2021
n)	Date of Completion	22-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 08.09.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



22-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
22-09-2021
Reviewer



22-09-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

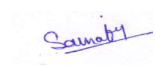
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090264 Sample Reg. Date :09-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220492 NABL ULR No. :TC592621000010384F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description				
Description		Colourless Liquid		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	8.14
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	13
e.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	46
f.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	14
g.	Total Nitrogen(as N), mg/L	APHA-23rd Edition	Not Specified	0.6
h.	Total Phosphorous as P (mg/l)	IS 3025 (Part 31)	Not Specified	0.3
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	280

'#' represents Customer Defined Fields


22-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

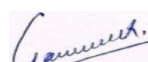
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090264 Sample Reg. Date :09-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220492 NABL ULR No. :TC592621000010384F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

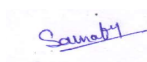
NOTE : NA- Not Applicable, Requirements as per EPA-1986, PCLS/02/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

*****End Of Report*****



22-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
22-09-2021
Reviewer



22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-7

Ground Water Quality Monitoring Results

Test Report


Document QF : 2501

Page 1 of 3

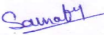
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170539 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210473 NABL ULR No. :TC592621000005921F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 02
----------------------------------------------	----------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	17-06-2021
m)	Date of Start	17-06-2021
n)	Date of Completion	21-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 16.06.2021, Sample from Piezometer No.1
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

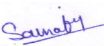
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170539 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210473 NABL ULR No. :TC592621000005921F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.96
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	470
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	97
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

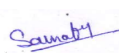
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170539 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210473 NABL ULR No. :TC592621000005921F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

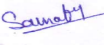
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170540 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210474 NABL ULR No. :TC592621000005922F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 02
----------------------------------------------	----------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	17-06-2021
m)	Date of Start	17-06-2021
n)	Date of Completion	21-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 16.06.2021, Sample from Piezometer No.2
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

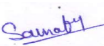
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170540 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210474 NABL ULR No. :TC592621000005922F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.94
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	475
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	95
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

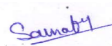
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170540 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210474 NABL ULR No. :TC592621000005922F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

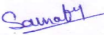
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170541 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210475 NABL ULR No. :TC592621000005923F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 02
----------------------------------------------	----------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	17-06-2021
m)	Date of Start	17-06-2021
n)	Date of Completion	21-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 16.06.2021, Sample from Piezometer No.3
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

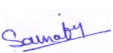
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170541 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210475 NABL ULR No. :TC592621000005923F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.90
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	490
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	93
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

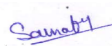
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170541 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210475 NABL ULR No. :TC592621000005923F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

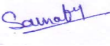
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170542 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210476 NABL ULR No. :TC592621000005924F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 02
----------------------------------------------	----------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	17-06-2021
m)	Date of Start	17-06-2021
n)	Date of Completion	21-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 16.06.2021, Sample from Piezometer No.4
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

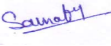
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170542 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210476 NABL ULR No. :TC592621000005924F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.91
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	492
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	91
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

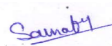
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106170542 Sample Reg. Date :17-06-2021 Report Date :21-06-2021 Report No. :ICE-2106210476 NABL ULR No. :TC592621000005924F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
21-06-2021
Reviewer


21-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

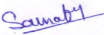
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100281 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180367 NABL ULR No. :TC592621000010209F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 01 to 03
----------------------------------------------	----------------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	10-09-2021
m)	Date of Start	10-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 09.09.2021, Sample from Piezometer-1
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

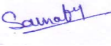
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100281 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180367 NABL ULR No. :TC592621000010209F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.13
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	367
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	81
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

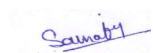
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100281 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180367 NABL ULR No. :TC592621000010209F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

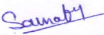
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100282 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180368 NABL ULR No. :TC592621000010210F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 01 to 03
----------------------------------------------	----------------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	10-09-2021
m)	Date of Start	10-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 09.09.2021, Sample from Piezometer-2
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

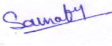
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100282 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180368 NABL ULR No. :TC592621000010210F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.98
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	349
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	87
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

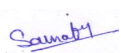
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100282 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180368 NABL ULR No. :TC592621000010210F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

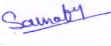
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100283 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180369 NABL ULR No. :TC592621000010211F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 01 to 03
----------------------------------------------	----------------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	10-09-2021
m)	Date of Start	10-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 09.09.2021., Sample from Piezometer-3
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

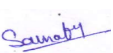
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100283 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180369 NABL ULR No. :TC592621000010211F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless Liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.08
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	358
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	89
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

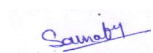
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100283 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180369 NABL ULR No. :TC592621000010211F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report


Document QF : 2501

Page 1 of 3

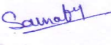
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100284 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180370 NABL ULR No. :TC592621000010212F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS:IS 10500 - 2012	With Amendment No.(s): 01 to 03
----------------------------------------------	----------------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Piezometer)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	10-09-2021
m)	Date of Start	10-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 09.09.2021, Sample from Piezometer-4
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

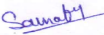
Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100284 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180370 NABL ULR No. :TC592621000010212F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colorless liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.01
2.	General Parameters				
a.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		Not Specified	BLQ(LOQ:1.0)
b.	Total Dissolved Solids (mg/l)	IS:3025(P-16)	500 Max.	2000 Max.	381
c.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)		Not Specified	BLQ(LOQ:4.0)
d.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		Not Specified	BLQ(LOQ:1.0)
3.	Parameters Concerning Undesirable Substances in excess amount				
a.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	91
4.	Parameters Concerning Toxic Substances				
a.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
c.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	0.05 Max.	BLQ(LOQ:0.002)
d.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

'#' represents Customer Defined Fields


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

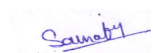
Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109100284 Sample Reg. Date :10-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180370 NABL ULR No. :TC592621000010212F Customer Ref. No.: PO Letter Dated :09.07.2021
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------


NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS : The above referred sample of Ground Water (Piezometer) conforms to IS 10500 - 2012 with upto date amdts with respect to the above tests.

*****End Of Report*****



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

GW Reports (N)

**PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,
NABHA ROAD, PATIALA
GROUND WATER REPORT**

- | | |
|------------------------------------------|-----------------------------------------------------------------------------------|
| 1. Laboratory Sample No. | GW 868-871/ H.O. Lab./ G.W. Monitoring/2021 ² |
| 2. ULR Number | ULR-TC 704518000000003829 |
| 3. Name of Industry | Ground Water Samples taken from
M/s Nabha Power Limited, Vill. Nalas, Rajpura. |
| 4. Name of Sample collecting Officer | Er. Navtesh Singla, EE & Er Surinderjeet Singh, AEE |
| 5. Designation of authorizing Test | EE, RO, Patiala, |
| 6. Date & Time of Sample collection | 24.8.2021 |
| 7. Date & Time of Sample receipt in Lab. | 25.8.2021 |
| 8. Period of Analysis | 25.8.2021 to 06.09.2021 |
| 9. Test Methods | As per relevant parts of IS:3025 &
Methods of APHA |

Results

Sr. no.	Parameters	Near Coal Handling Plant	Near Storm Water Pump	Along ash dyke	Between Ash dyke and reservoir
1	pH	7.7	7.9	8.1	8.0
2	Total Suspended Solids mg/l	BDL	BDL	BDL	BDL
3	Total Dissolved Solids mg/l	432	445	380	411
4	Chemical Oxygen Demand mg/l	BDL	BDL	BDL	BDL
5	Bio-Chemical Oxygen Demand mg/l	BDL	BDL	BDL	BDL
6	Total Hardness mg/l	81	96	86	105
7	Calcium Hardness mg/l	44	55	45	60
8	Magnesium Hardness mg/l	37	41	41	45
9	Magnesium mg/l	9	10	10	11
10	Total Alkalinity mg/l	270	250	230	240
11	Chloride mg/l	27	22	15	20
12	Sulphate mg/l	20	20	20	22
13	Mercury mg/l	BDL	BDL	BDL	BDL
14	Lead mg/l	BDL	BDL	BDL	BDL
15	Total Chromium mg/l	BDL	BDL	BDL	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Analyzed by *K. J. J.*

Scientific Officer

Enst. No: 19984-86

Dt. 06/09/21

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office.-I, Patiala.
3. The Environment Engineer, Punjab Pollution Control Board, Regional Office, Patiala.

Asst. Scientific Officer

Annexure-8

Green Belt Photographs

Annexure-8

NPL is having a complete dedicated team of skilled horticulturists for the forestation and greenery development program at our plant. A green belt of 2.50 lac plants are developed inside as well outside plant premises. Also small patches of gardens are developed inside of the plant premises wherever the open space is available to improve the plant beautification.



Pic-1 Green belt around coal stockpile area



Pic-2 Green belt around plant premises



Pic-3 Green belt along boundary



Pic-4 Green belt on both sides of road



Pic-5 Green belt area railway siding

Annexure-9

CSR Activity Photographs

Photographs of CSR Projects April to Sept 2021-22

COVID Care & Prevention



Enrolment Drive – ITI Course



Learning Enrichment Program



Scholarships



GNM Scholarship Program FY 20-23

Integrated School Development



School Block Constructed in Government School village Ugani Sahib

Integrated School Development



School Block constructed in Govt Primary School village Uppal Heri

Stitching Production Centre



Stitching
Production
Centre

Phulkaari Production Centre



Annexure-10

Ambient Air Quality Monitoring Results

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220754
Nabha Power Limited	Sample Reg. Date :22-06-2021
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala	Report Date :30-06-2021
Rajpura	Report No. :ICE-2106301073
	NABL ULR No. :TC592621000006437F
	Customer Ref. No. :PO
	Letter Dated :01.12.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: CAAQMS-1
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.29
Volume of air sampled, m ³	: 1739.61
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.18
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	67.77
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	19.13
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	22.10
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220754 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301073 NABL ULR No. :TC592621000006437F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

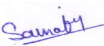
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)


'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220755
Nabha Power Limited	Sample Reg. Date :22-06-2021
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala	Report Date :30-06-2021
Rajpura	Report No. :ICE-2106301076
	NABL ULR No. :TC592621000006439F
	Customer Ref. No. :PO
	Letter Dated :01.12.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: CAAQMS-2
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.30
Volume of air sampled, m ³	: 1753.10
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.57
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.86
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	71.82
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	36.62
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	15.09
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	18.17
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220755 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301076 NABL ULR No. :TC592621000006439F Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

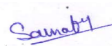
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)


'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220756
Nabha Power Limited	Sample Reg. Date :22-06-2021
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala	Report Date :30-06-2021
Rajpura	Report No. :ICE-2106301077
	NABL ULR No. :TC592621000006440F
	Customer Ref. No. :PO
	Letter Dated :01.12.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: CAAQMS-3
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.30
Volume of air sampled, m ³	: 1753.10
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.80
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.19
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	75.18
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	19.13
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.13
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220756 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301077 NABL ULR No. :TC592621000006440F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

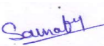
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)


'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220757
Nabha Power Limited	Sample Reg. Date :22-06-2021
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala	Report Date :30-06-2021
Rajpura	Report No. :ICE-2106301074
	NABL ULR No. :TC592621000006441F
	Customer Ref. No. :PO
	Letter Dated :01.12.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: CAAQMS-4
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.29
Volume of air sampled, m ³	: 1739.61
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.03
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.21
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	62.72
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	17.09
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	20.21
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220757 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301074 NABL ULR No. :TC592621000006441F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

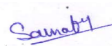
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)


'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220760
Nabha Power Limited	Sample Reg. Date :22-06-2021
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala	Report Date :30-06-2021
Rajpura	Report No. :ICE-2106301072
	NABL ULR No. :TC592621000006445F
	Customer Ref. No. :PO
	Letter Dated :01.12.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Dabhali
Date of Monitoring	: 19-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.30
Volume of air sampled, m ³	: 1740.95
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	17.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.33
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	65.19
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	16.10
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.09
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220760 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301072 NABL ULR No. :TC592621000006445F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

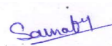
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)


'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220758 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301075 NABL ULR No. :TC592621000006442F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Daddumajra
Date of Monitoring	: 19-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m3/min	: 1.28
Volume of air sampled, m3	: 1740.95
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	68.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	19.11
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	22.10
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

**This Analysis Report is not Valid
For consent Purpose of the Board**
PremKumar
[Authorized Signatory]

Disclaimer:

1. The report is only for the sample tested.
2. Total liability of ITC Labs is limited to invoiced amount.
3. The test report shall not be reproduced except in full without the written approval of the laboratory.
4. If samples not consumed during analysis, it will be stored & retain as per company policy.
5. Samples not drawn by us unless otherwise stated.
6. Test report in full or parts shall not be used for promotional or publicity purposes.
7. Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To

Nabha Power Limited
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala
Rajpura

Sample Reg. No. :E01-2106220758
Sample Reg. Date :22-06-2021
Report Date :30-06-2021
Report No. :ICE-2106301075
NABL ULR No. :TC592621000006442F
Customer Ref. No.:PO
Letter Dated :01.12.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

**This Analysis Report is not Valid
For consent Purpose of the Board**

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-I,
Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
E-mail : customersupport@itclabs.com
Visit us: www.itclabs.com

Disclaimer:

1. The report is only for the sample tested.
2. Total liability of ITC Labs is limited to invoiced amount.
3. The test report shall not be reproduced except in full without the written approval of the laboratory.
4. If samples not consumed during analysis, it will be stored & retain as per company policy.
5. Samples not drawn by us unless otherwise stated.
6. Test report in full or parts shall not be used for promotional or publicity purposes.
7. Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501

Page 1 of 2

Issued To

Nabha Power Limited
Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala
Rajpura

Sample Reg. No. :E01-2106220759
Sample Reg. Date :22-06-2021
Report Date :30-06-2021
Report No. :ICE-2106301071
NABL ULR No. :TC592621000006443F
Customer Ref. No.:PO
Letter Dated :01.12.2020

Test Report as per :

: NAAQS 2009

General Information :

Location of Sampling Point : Village- Salempur
Date of Monitoring : 19-06-2021
Purpose of Monitoring : For Self Monitoring
Duration of Monitoring, minutes : 1440
Avg. Flow Rate of Sampling, m³/min : 1.30
Volume of air sampled, m³ : 1740.95
Avg. Ambient Temperature, °C : 39

Description

Description

Ambient Air Quality Monitoring

S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	16.15
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	19.25
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	73.24
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	15.19
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	18.11
i.	Benzene (C ₆ H ₆), μg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

This Analysis Report is not Valid
For consent Purpose of the Board
30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-I,
Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
E-mail : customersupport@itclabs.com
Visit us: www.itclabs.com

Disclaimer:

1. The report is only for the sample tested.
2. Total liability of ITC Labs is limited to invoiced amount.
3. The test report shall not be reproduced except in full without the written approval of the laboratory.
4. If samples not consumed during analysis, it will be stored & retain as per company policy.
5. Samples not drawn by us unless otherwise stated.
6. Test report in full or parts shall not be used for promotional or publicity purposes.
7. Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220759 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301071 NABL ULR No. :TC592621000006443F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),ug/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

*****End Of Report*****

Saurabh Sharma
30-06-2021
Reviewer

**This Analysis Report is not Valid
For consent Purpose of the Board**

30-06-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-I,
Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825,
E-mail : customersupport@itclabs.com
Visit us : www.itclabs.com

Disclaimer:

1. The report is only for the sample tested.
2. Total liability of ITC Labs is limited to invoiced amount.
3. The test report shall not be reproduced except in full without the written approval of the laboratory.
4. If samples not consumed during analysis, it will be stored & retain as per company policy.
5. Samples not drawn by us unless otherwise stated.
6. Test report in full or parts shall not be used for promotional or publicity purposes.
7. Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120335 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220506 NABL ULR No. :TC592621000010394F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: CAAQMS-1 : 07-09-2021 : 15:10 Hrs : For Self Monitoring : 1440 : 1.21 : 1616.47 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.80
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.78
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	15.82
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	2.6
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	12.73

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120335 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220506 NABL ULR No. :TC592621000010394F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

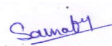
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120336 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220508 NABL ULR No. :TC592621000010393F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: CAAQMS-II : 07-09-2021 : 14:20 hrs : For Self Monitoring : 1440 : 1.19 : 1589.75 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.09
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.62
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.33
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.04
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	17.63
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	2.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	17.20

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120336 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220508 NABL ULR No. :TC592621000010393F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

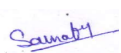
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120337 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220509 NABL ULR No. :TC592621000010389F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: CAAQMS-III : 07-09-2021 : 13:30 hrs : For Self Monitoring : 1440 : 1.27 : 1696.63 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.59
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.64
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	15.46
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.0
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	16.89

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120337 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220509 NABL ULR No. :TC592621000010389F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

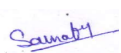
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120338 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220510 NABL ULR No. :TC592621000010392F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: CAAQMS-IV : 07-09-2021 : 14:40 hrs : For Self Monitoring : 1440 : 1.33 : 1776.78 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.07
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.59
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	38.72
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	19.24
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	3.6
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	20.14

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120338 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220510 NABL ULR No. :TC592621000010392F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

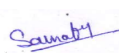
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120339 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220511 NABL ULR No. :TC592621000010402F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Dadumajra : 10-09-2021 : 16:00 hrs : For Self Monitoring : 1440 : 1.31 : 1757.31 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.39
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.70
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.76
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	19.86
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	2.5
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	22.46

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120339 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220511 NABL ULR No. :TC592621000010402F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

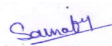
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120340 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220512 NABL ULR No. :TC592621000010387F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Salempur : 10-09-2021 : 15:00 hrs : For Self Monitoring : 1440 : 1.29 : 1731.38 : 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.56
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.10
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	17.58
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	21.88

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120340 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220512 NABL ULR No. :TC592621000010387F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

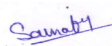
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109120341 Sample Reg. Date :12-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220507 NABL ULR No. :TC592621000010375F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village - Dabhali : 10-09-2021 : 17:00 Hrs : For Self Monitoring : 1440 : 1.30 : 1741.50 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.52
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.04
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	14.47
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.8
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	19.72

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

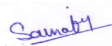
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura		Sample Reg. No. :E01-2109120341		
		Sample Reg. Date :12-09-2021		
		Report Date :22-09-2021		
		Report No. :ICE-2109220507		
		NABL ULR No. :TC592621000010375F		
		Customer Ref. No.: PO		
		Letter Dated :01.12.2020		
i.	Benzene (C ₆ H ₆),µg/m3	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)
m.	Mercury (as Hg),µg/m3	Method of Air sampling & Analysis(Method No. 822)	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A

*****End Of Report*****


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-11

Expenses Incurred for Environment Protection Measures in FY 2020-2021.

Details of Expenses Incurred for Environment Protection Measures in FY 2020-21

S.No.	Particulars	Amount (Rs)
A	Air Pollution	
1	Cost of Energy Consumption in ESPs/Bag Filters	118869326
2	Cost of Maintenance of ESP/Bag Filters	8103466
3	Cost of Maintenance of Ash Silos	150000
4	Cost of operation of Dust Suppression and Extraction System	653078
B	Water Pollution	
1	Cost of Energy Consumption in STP	147649
2	Cost of Energy Consumption in ETP	7039294
3	Cost of Chemical used at ETP and STP	4200000
C	Environment Monitoring Expenses	
1	Cost of Manpower	1033680
2	Cost of Consumables and Spares	226303
3	Cost of running of Environment monitoring vehicle	849000
4	AMC/Calibration for environment monitoring equipments.	47790
5	AMC/Calibration/ maintenance of online environment monitoring equipments.	1570000
D	Third Party MoEF&CC approved laboratory testing charges.	
1	Third Party MoEF&CC approved laboratory testing charges for AAQ,Stack,Waste water,Fly Ash, Bottom Ash etc.	218172
E	Infrastructure Development	
1	Construction of Roads	2426705
2	Provision of Wind shields	922500
3	Provision of Wind shields at Silos	181963
F	Green Belt Development & Maintenance	
1	Development and Maintenance of Green Plants	5300000
2	Maintenance of Landscape Area	4033250
G	Salary & Wages of HSE Professionals	
1	Salary & Wages of HSE Professionals	6444091
I	Solar Harnessing Expenses	
1	Solar Harnessing and maintenance Expenses	208500
H	Housekeeping Expenses	
1	Housekeeping Expenses	3657057
I	Ash Dyke Management	
1	Expenses for Ash Dyke Maintenance(Civil)	2264571
2	Expenses for Ash Dyke Maintenance(Mechanical)	200000
J	Energy Consumption for transportation of Bottom Ash.	
1	Energy Consumption for transportation of Bottom Ash/ Fly Ash	89559421
K	Disposal of Hazardous Waste	
1	Disposal of hazardous waste charges.	448119
2	Bio-medical disposal charges.	16800
L	FGD installation	
1	Construction/installation cost of FGD	541964233
	TOTAL (Rs)	800734969

Annexure-12

**The Photograph of Main Gate
Display.**



NABHA POWER LIMITED



2 X 700 MW RAJPURA SUPER THERMAL POWER STATION

ENVIRONMENTAL DATA DISPLAY

	UNIT-1	UNIT-2	DOM
OPACITY	41.9		mg/NM3
SO2	1955.3		mg/NM3
NOX	278.8		mg/NM3

Annexure-13

Solar Harness Report.

**Solar Energy Generation Report For the Period From
April-2021 to September-2021.**

S.NO	Month	Energy (Meters) KWh
1	Apr-21	26431
2	May-21	25430
3	Jun-21	25416
4	Jul-21	21810
5	Aug-21	22599
6	Sep-21	21106
Total		142792

Annexure-14

Test Report of Heavy Metal Analysis in Coal.

Test Report


Document QF : 2501

Page 1 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090268 Sample Reg. Date :09-09-2021 Report Date :16-09-2021 Report No. :ICE-2109160309 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

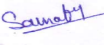
Test Report as per IS: Party Specification	With Amendment No.(s):
---------------------------------------------------	-------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Coal Sample
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	500gm
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in poly pack
l)	Date of Receipt	09-09-2021
m)	Date of Start	09-09-2021
n)	Date of Completion	16-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 08.09.2021
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

a.	Reference to sampling procedure, whenever applicable	: N/A
----	------------------------------------------------------	-------


Saurabh Sharma
16-09-2021
Reviewer


16-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2109090268 Sample Reg. Date :09-09-2021 Report Date :16-09-2021 Report No. :ICE-2109160309 Customer Ref. No. :PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any : N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any : N/A

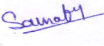
Description			
Description		Coal Sample	
S.No.	Parameters	Method	Result
	Discipline : Chemical		
	Group : Pollution & Environment		
1.	Heavy Metals		
a.	Lead as Pb, (mg/kg)	In House	9.23
b.	Mercury as Hg (mg/kg)	In House	BLQ(LOQ:1.0)
c.	Arsenic as As, (mg/kg)	In House	BLQ(LOQ:1.0)
d.	Chromium as Cr (mg/kg)	In House	15.20

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,

REMARKS : N/A

*****End Of Report*****


Saurabh Sharma
16-09-2021
Reviewer


16-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-15

Test Report of Radioactivity in Coal, Fly Ash& Bottom Ash.



Sophisticated Analytical Instruments Laboratories Society

(Registered as Society with Registrar of Firms & Societies, Punjab, Chandigarh)
Thapar Technology Campus, Bhadson Road, Patiala-147 004 (India)

TEST REPORT

Test Report No.:	NN(D)/21-22/163	Date:	28.09.2021
Service No.	NN(D)/21-22/163(01)	Customer's Ref.	Sample Collected by Mr. Amit Kumar on dtd 24.08.2021
Customer's name and address:			
M/s Nabha Power Limited Post Box 28, Near village Nalash Rajpura, Distt. Patiala 140401, Punjab Kind attn.: Mr. Ramanjit Singh			
Sample Description	Fly Ash		
Condition of the sample received	O.K.		
Customer's sample identification No. (if any)	Fly Ash		
Quantity/number of samples	1 Kg / 1		
Sampling Procedure (if any)	--		
Test parameters	Alpha emitters, Beta emitters, Gamma emitters		
Standard/Specification/Method followed	As mentioned below		
Deviations (if any)	--		
Documents constituting this report (if any)	--		
Date of Receipt of Job	Date of Completion of Job	Total Number of Pages	
24.08.2021	27.09.2021	3	

TEST RESULTS

S. No.	Parameters	Test Method	Unit	Results
1	Alpha emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with Alpha Scintillation detector	Bq/Kg	Not detected
2	Beta emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected
3	Gamma emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected

Page 1 of 3

M. Agarwal
Technical Manager
(Authorized Signatory)
SAI/FM/CSC-11



Sophisticated Analytical Instruments Laboratories Society

(Registered as Society with Registrar of Firms & Societies, Punjab, Chandigarh)
Thapar Technology Campus, Bhadson Road, Patiala-147 004 (India)


TEST REPORT

Test Report No.:	NN(D)/21-22/163	Date:	28.09.2021
Service No.	NN(D)/21-22/163(02)	Customer's Ref.	Sample Collected by Mr. Amit Kumar on dtd 24.08.2021
Customer's name and address:			
M/s Nabha Power Limited Post Box 28, Near village Nalash Rajpura, Distt. Patiala 140401, Punjab Kind attn.: Mr. Ramanjit Singh			
Sample Description	Bottom Ash		
Condition of the sample received	O.K.		
Customer's sample identification No. (if any)	Bottom Ash		
Quantity/number of samples	1 Kg / 1		
Sampling Procedure (if any)	--		
Test parameters	Alpha emitters, Beta emitters, Gamma emitters		
Standard/Specification/Method followed	As mentioned below		
Deviations (if any)	--		
Documents constituting this report (if any)	--		
Date of Receipt of Job	Date of Completion of Job	Total Number of Pages	
24.08.2021	27.09.2021	3	

TEST RESULTS

S. No.	Parameters	Test Method	Unit	Results
1	Alpha emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with Alpha Scintillation detector	Bq/Kg	Not detected
2	Beta emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected
3	Gamma emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected

Page 2 of 3


M. Agarwal
Technical Manager
(Authorized Signatory)
SAI/FM/CSC-11



Sophisticated Analytical Instruments Laboratories

Society (Registered as Society with Registrar of Firms & Societies, Punjab, Chandigarh)

Thapar Technology Campus, Bhadson Road, Patiala-147 004 (India)

TEST REPORT

Test Report No.:	NN(D)/21-22/163	Date:	28.09.2021
Service No.	NN(D)/21-22/163(03)	Customer's Ref.	Sample Collected by Mr. Amit Kumar on dtd 24.08.2021
Customer's name and address:			
M/s Nabha Power Limited Post Box 28, Near village Nalash Rajpura, Distt. Patiala 140401, Punjab Kind attn.: Mr. Ramanjit Singh			
Sample Description	Coal		
Condition of the sample received	O.K.		
Customer's sample identification No. (if any)	Coal		
Quantity/number of samples	1 Kg / 1		
Sampling Procedure (if any)	--		
Test parameters	Alpha emitters, Beta emitters, Gamma emitters		
Standard/Specification/Method followed	As mentioned below		
Deviations (if any)	--		
Documents constituting this report (if any)	--		
Date of Receipt of Job	Date of Completion of Job	Total Number of Pages	
24.08.2021	27.09.2021	1	

TEST RESULTS

S. No.	Parameters	Test Method	Unit	Results
1	Alpha emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with Alpha Scintillation detector	Bq/Kg	Not detected
2	Beta emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected
3	Gamma emitters	EPA-600/4-78-039 July 1978 Followed by Radiation Counting System Rc605 A with GM detector Probe	Bq/Kg	Not detected

Page 3 of 3

.....End of the report.....



M. Agarwal
Technical Manager
(Authorized Signatory)
SAI/FM/CSC-11

Annexure-16

Test Report of Surface Water Quality.

Test Report

Document QF : 2501

Page 1 of 3

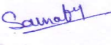
Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220761 Sample Reg. Date :22-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250786 NABL ULR No. :TC592621000006172F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02
---------------------------------------------------------------	----------------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Surface Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	25-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Veer Pratap on 19.06.2021, Sample from Canal Water
r)	Test Request Submitted By	Nabha Power Limited-Rajpura (Punjab)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220761 Sample Reg. Date :22-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250786 NABL ULR No. :TC592621000006172F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Description					
Description	Clear colourless liquidi				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	2
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.30
d.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
e.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA.2006)	500 Max.	2000 Max.	154
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	7.9
b.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	BLQ(LOQ:0.1)
c.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
d.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
e.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Nabha Power Limited Near Village: Nalash, P.B. No.28, Rajpura, Distt. Patiala Rajpura	Sample Reg. No. :E01-2106220761 Sample Reg. Date :22-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250786 NABL ULR No. :TC592621000006172F Customer Ref. No.: PO Letter Dated :01.12.2020
-----------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

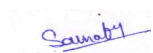
f.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	10
g.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	83
h.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	117

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

REMARKS :The above referred sample of Surface Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

*****End Of Report*****


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.